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October 17, 2016

Sean Sheldrake
Project Coordinator
U.S. EPA, Region 10
1200 Sixth Avenue, M/S ECL-111
Seattle, Washington 98101

Re: September 2016 Monthly Progress Report
Administrative Settlement Agreement and Order on Consent for Removal Action
U.S. EPA Region 10 Docket No. CERCLA 10-2009-0255
Gasco Sediments Site within the Portland Harbor Superfund Site

Project Number: 000029-02.42

Dear Mr. Sheldrake:

This monthly progress report provides information required by Section VIII, Paragraph 26, of the Administrative Settlement Agreement and Order on Consent for Removal Action (Order) for actions taken in September 2016 at the Gasco Sediments Site within the Portland Harbor Superfund Site.

1. ACTIONS TAKEN IN THIS MONTH AND PROBLEMS ENCOUNTERED

The following actions and correspondences occurred in this month:

- **September 15** – Anchor QEA submitted the Gasco Sediments Site monthly progress report to EPA.
- **September 22** – Anchor QEA performed the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap.

2. RESULTS OF SAMPLING, TESTS, AND OTHER DATA RECEIVED

The results of the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap are provided as Attachment A.

3. SCHEDULE OF ACTIVITIES FOR THE NEXT MONTH

Anchor QEA anticipates the following activities to occur in the next month:

- Submit the October monthly progress report.
- Complete monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap area.

4. ANTICIPATED PROBLEMS AND PROPOSED RESOLUTIONS

No problems or unforeseen conditions were encountered.

Please contact the undersigned if you have any questions or require additional information.

Sincerely,



Ryan Barth, P.E.
Project Manager

Attachments:

Attachment A Monthly Visual Monitoring Report for Pilot Cap Vicinity

Cc:

Bob Wyatt, NW Natural

Patty Dost, Pearl Legal Group PC

Myron Burr, Siltronic Corporation

Ilene Gaekwad, Foley & Mansfield, PLLP

James Peale, Maul Foster Alongi, Inc.

Lance Peterson, CDM Smith

Matt McClincy, DEQ

Dana Bayuk, DEQ
Dan Hafley, DEQ



Visual Observations Log Form

Date September 22, 2016 **Project Number:** 000029-02.42 Task 4b

Location: NW Natural "Gasco" Site

Project Name: NW Natural – Gasco

Monitoring Period: Monthly (Year 10)— September 2016

Time Observations Started: September 22, 2016 @ 14:45 **Time Observation Concluded:** September 22, 2016 @ 15:45

Weather Conditions: Partly cloudy, light wind from the northeast, 64° F.

Wave Action Observations: Small wave action (0.2 – 0.4 feet in height).

Photographs Taken: ☒ Yes ☐ No

Tidal Conditions: Willamette River level on 9/22/16 ranged in elevation from 1.11 to 4.45 feet. The Willamette River level at the time of the attached photos (15:00) was approximately 2.24 feet (River Level Elevation Datum: Morrison Gage Height).

Observations of Erosion/Deposition: No erosion/deposition was evident along the shoreline. All previously noted organo-clay mat material segments are visible. A segment 5 feet in length is out of the water approximately 6 feet from the water's edge, near the lateral mid-point of the cap area (Photo 1). A 15-foot section is shoreward of the water's edge, perpendicular to the shoreline at the upriver boundary of the cap area. A section of organo-clay mat material measuring 40 feet in length is exposed near the downriver extent of the cap at the water's edge.

Observations of Long-term Controls (i.e., oil booms, organo-clay mat, etc.) During the observation, the FAMM containment boom was in place across the cap area from the ship dock to an anchor point riverward of the upriver dolphin. Two buoys that identify the cap area to mariners were in place as installed. One of the buoys was shoreward of the boom while the other was riverward of the boom. The position of the FAMM oil boom and warning buoys is shown in Photo 2.

Other Comments:

No sheen was evident in or around the cap area. Photo 3 shows the water surface and shoreline immediately downriver of the sediment cap.

Recorded by:

Douglas Laffoon

Photo 1 — *Mat material visible at the lateral mid-point of the cap area. (9/22/16):*



Photo 2 — *FAMM oil boom placement and mariner warning buoys at pilot cap area. (9/22/16):*



Photo 3 — *Conditions immediately downriver of cap area 9/22/16):*

